AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the Application. Deletions are ~~strikethrough~~ and additions are underlined.

Listing of Claims:

1. (Canceled)

2. (Currently amended) The drug kit for cancer therapy ~~cancer gene therapeutic drug according to~~ of claim ~~1~~24, wherein the virus for immunological treatment and the oncolytic virus are selected from the group consisting of adenovirus, herpes virus, lentivirus, HIV virus, retrovirus, reovirus, vesicular stomatitis virus (VSV) and any other oncolytic virus.

3. (Currently amended) The drug kit for cancer therapy ~~cancer gene therapeutic drug according to~~ of claim ~~1~~24, wherein the virus for immunological treatment is at least one virus selected from the group consisting of a non-proliferative virus ~~type~~ and~~/or~~ an inactivated virus.

4. (Currently amended) The drug kit for cancer therapy ~~cancer gene therapeutic drug according to~~ of claim ~~1~~24, wherein the carrier cell is selected from the group consisting of an A549 cell, 293 cell, SW626 cell, HT-3 cell, PA-1 cell, ~~a~~ human derived cancer cell, and ~~a~~ human normal cell.

5. (Currently amended) The drug kit for cancer therapy ~~cancer gene therapeutic drug according to~~ of claim ~~1~~24, wherein the oncolytic virus ~~to be infected to the carrier cell~~ has a promoter selected from the group consisting of 1A1.3B promoter, midkine promoter, β-HCG promoter, SCCA1 promoter, cox-2 promoter, PSA promoter and a tumor specific promoter according to the type ~~kind~~ of cancer to be treated.

6. (Currently amended) The drug kit for cancer therapy ~~cancer gene therapeutic drug according to~~ of claim ~~1~~24, further comprising:

(i) atelocollagen.

7. (Withdrawn - Currently amended) The drug kit for cancer therapy ~~cancer gene therapeutic drug according to~~ of claim ~~1~~24, further comprising:

(i) a GM-CSF expression vector, which when grown with the carrier cell, the carrier cell becomes infected with the GM-CSF expression virus vector ~~to be infected to the carrier cell before administration~~.

8. (Withdrawn - Currently amended) The drug kit for cancer therapy ~~cancer gene therapeutic drug according to~~ of claim ~~1~~24, further comprising: at least one composition selected from the group consisting of,

(i) an iron preparation and~~/or~~

(ii) a porphyrin compound.

9. (Withdrawn - Currently amended) The drug kit for cancer therapy ~~cancer gene therapeutic drug according to~~ of claim ~~1~~24, further comprising:

(i) a tumor cell, which is ~~to be~~ administered to the animal for tumor vaccination.

10. (Canceled)

11. (Currently amended) The method of cancer gene therapy ~~therapeutic method according to~~ of claim ~~10~~25, wherein the period after administering ~~from administration of~~ the virus for immunological treatment ~~to administration of the carrier cell~~ is within the range of ~~set at~~ about two weeks to not more than 13 weeks.

12. (Currently amended) The method of cancer gene therapy ~~therapeutic method according to~~ of claim ~~10~~25, wherein the ~~administration rate of the~~ virus for immunological treatment is administered in an amount ~~set~~ between about 10^5 viral particles and 10^{11} viral particles to ~~for~~ a patient who is negative for the antibodies ~~with antibody negative~~ to the virus, and is administered in an amount between ~~while it is set~~ about 10^7 viral particles to 0 viral particles to ~~or less for~~ a patient who is positive for the antibodies ~~with antibody positive~~ to the virus.

13. (Withdrawn - Currently amended) The method of cancer gene therapy ~~therapeutic method according to~~ of claim ~~10~~25, wherein ~~one administration rate of~~ the oncolytic virus infected ~~through the~~ carrier cell delivers an amount of oncolytic virus ~~is set~~ between about 10^9 viral particles and 10^{14} viral particles to the patient.

14. (Withdrawn - Currently amended) The method of cancer gene therapy ~~therapeutic method according to~~ of claim ~~10~~25, wherein ~~the amount of infection of~~ the oncolytic virus infected ~~to the~~ carrier cell has an amount of viral particles ~~is set~~ between about 0.1 viral particles/cell and 2,000 viral particles/cell.

15. (Currently amended) The method of cancer gene therapy ~~therapeutic method according to~~ of claim ~~10~~25, ~~further comprising~~ where the administering of ~~administrating~~ the oncolytic virus infected carrier cell is by intratumor injection.

16. (Currently amended) The method of cancer gene therapy ~~therapeutic method according to~~ of claim ~~10~~25, further comprising: administering ~~administrating~~ atelocollagen ~~together~~ with the oncolytic virus infected carrier cell in step (d).

17. (Withdrawn - Currently amended) The method of cancer gene therapy ~~therapeutic method according to~~ of claim ~~10~~25, ~~further comprising administrating~~ where the carrier cell in step (c) is grown ~~infected~~ with an oncolytic virus and GM-CSF expression virus vector to produce a carrier cell infected with an oncolytic virus and a GM-CSF expression virus vector.

18. (Withdrawn - Currently amended) The method of cancer gene therapy ~~therapeutic method according to~~ of claim ~~10~~25, further comprising administering at least one composition selected from the group consisting of ~~administrating~~ an iron preparation and~~/or~~ a porphyrin compound, ~~together~~ with the oncolytic virus infected carrier cell in step (d).

19. (Withdrawn - Currently amended) The method of cancer gene therapy ~~therapeutic method according to~~ of claim ~~10~~25, further comprising administering ~~administrating~~ a tumor cell ~~for~~ to produce tumor vaccination, at a time selected from the group consisting of; ~~together with,~~ before, ~~or~~ after and concurrent administering ~~administration of~~ the virus for immunological treatment.

20. (Currently amended) The drug kit for cancer therapy of ~~cancer gene therapeutic drug according to~~ claim 2, wherein the virus for immunological treatment is at least one virus selected from the group consisting of a non-proliferative virus ~~type~~ and~~/or~~ an inactivated virus.

21. (Currently amended) The drug kit for cancer therapy of cancer gene therapeutic drug according to claim 2, wherein the carrier cell is selected from the group consisting of an A549 cell, 293 cell, SW626 cell, HT-3 cell, PA-1 cell, ~~a~~ human derived cancer cell, and ~~a~~ human normal cell.

22. (Currently amended) The drug kit for cancer therapy of ~~cancer gene therapeutic drug according to~~ claim 3, wherein the carrier cell is selected from the group consisting of an A549 cell, 293 cell, SW626 cell, HT-3 cell, PA-1 cell, ~~a~~ human derived cancer cell, and ~~a~~ human normal cell.

23. (Currently amended) The drug kit for cancer therapy of ~~cancer gene therapeutic drug according to~~ claim 20, wherein the carrier cell is selected from the group consisting of an A549 cell, 293 cell, SW626 cell, HT-3 cell, PA-1 cell, ~~a~~ human derived cancer cell, and ~~a~~ human normal cell.

24. (New) A drug kit for cancer therapy comprising:

(a) a virus for immunological treatment, which when administered to an animal produces a Cytotoxic T lymphocytes (CTL) reaction within the animal after administering a carrier cell and which is non-proliferative;

(b) the carrier cell, which when grown with an oncolytic virus becomes infected with the oncolytic virus so when the carrier cell is administered to the animal the oncolytic virus acts on a tumor cell within the animal; and

(c) the oncolytic virus, which is the same type of virus as the virus for immunological treatment and which is proliferative in the tumor cell.

25. (New) A method of cancer gene therapy comprising:

(a) administering a virus for immunological treatment to a patient to induce a Cytotoxic T lymphocytes (CTL) reaction within the patient after administering a carrier cell, wherein the virus for immunological treatment is non-proliferative;

(b) waiting a period after administering the virus for immunological treatment before continuing with the method of cancer gene therapy;

(c) after waiting the period, growing a carrier cell with an oncolytic virus to produce an oncolytic virus infected carrier cell, wherein the oncolytic virus is the same type of virus as the virus for immunological treatment; and

(d) administering the oncolytic virus infected carrier cell, at least one time, to the patient to make the oncolytic virus act on a tumor cell within the patient, and wherein the oncolytic virus is proliferative in the tumor cell.